Applicant(s)	Heath, et al.	
Serial No.	09/361,829	
Filing Date	July 27, 1999	**TRANSMITTAL FORM UNDER 37 CFR § 1.8** (LARGE ENTITY)
Group Art Unit	1631	
Examiner Name	Jeffrey S. Lundgren	
Attorney Docket No.	101.003US01	

Title: COMPUTER IMPLEMENTED NUCLEIC ACID ISOLATION METHOD AND APPARATUS

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Commissioner for Patents
Washington, DC 20231

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Enclosures
The following documents are enclosed: X An Amendment and Response   (9 pgs.; including Response, 6 pages and Marked Up Version Showing Changes, 3 pages.); and   X A return postcard.   **Please charge any additional fees or credit any overpayments to Deposit Account No. 501373.**

Submitted By					
Name	Daniel J. Polglaze	Reg. No.	39,801	Telephone	(612) 312-2203
Signature	_(signature)_			Date	11 Jan 2002

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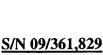P.O. Box 581009
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I certify that this correspondence, and the documents identified above, are being deposited with the United States Postal Service as first class mail in an envelope addressed to: BOX NON-FEE AMENDMENT, Commissioner for Patents, Washington, D.C. 20231 on Jan. 11, 2002 .			
Name	Frayda M. Nitschke	Signature	_(signature)_

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Plunkett
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AMENDMENT AND RESPONSE

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In response to the Final Office Action mailed October 11, 2001, please amend the application as follows:

In the Claims

Please amend claims 1, 7, 9 and 15 to read as follows:

1.   (Amended) A computer readable medium for controlling the operation of an automated machine, the computer readable medium comprising machine readable instructions for causing a computer to perform a method comprising:

issuing a command set to initiate a plurality of nucleic acid isolation functions by a nucleic acid isolation apparatus, wherein the nucleic acid isolation functions comprise:

loading a vessel into a centrifuge;

centrifuging a sample;

aspirating a sample at a selectable aspiration rate from gentle to vigorous;

mixing a sample;

dispensing into a sample;

controlling the temperature of a function;

removing material from a sample;

separating a sample; and